

Form PTO-1449

Attorney Docket No.

C002 1051.1

Serial No.

10/634,208

INFORMATION DISCLOSURE CITATION

Applicant

Christman et al.

Filing Date

08/05/03

Group

3765

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PN	AA	2,842,259	07/1958	Hoeselbarth	203	1	
↑	AB	2,862,465	12/1958	Card	112	79	
↑	AC	2,866,424	12/1958	Masland 2 nd	112	79	
↓	AD	2,884,881	05/1959	Oberholtzer	112	79	
↓	AE	2,932,181	04/1960	MacCaffray, Jr.	66	86	
↓	AF	2,966,866	01/1961	Card	112	79	
PN	AG	3,067,701	12/1962	Wilcox	112	79	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
PN	AH	1,126,549	03/1967	Great Britain	D05C	15/32	X	
↑	AI	1,363,974	07/1972	Great Britain	D05C	15/04	X	
↓	AJ	2,002,828	07/1978	Great Britain	D05C	15/32	X	
PN	AK	2,186,297	07/1987	Great Britain	D05C	15/18	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PN	AL	"Mechanical Development in Tufting Machinery," Max M. Beasley, 1966
PN	AM	Super Graphics Product Brochure, Tuftco Corporation, Chattanooga, TN
PN	AN	CAM with Encore DMC Operator's Manual, Tuftco Corporation, Chattanooga, TN, 1996

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

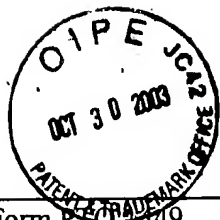
EXAMINER'S SIGNATURE:

PN Verbum

DATE CONSIDERED:

05-20-04

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



Form PTO-1449 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No. C002 1051.1	Serial No. 10/634,208
	Applicant Christman et al.	
	Filing Date 08/05/03	Group 3765

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PN ↑ ↓ PN	BA	3,075,482	01/1963	Card	112	79	
	BB	3,095,840	07/1963	Ballard	112	79	
	BC	3,095,841	07/1963	Ballard et al.	112	79	
	BD	3,103,903	09/1963	Broadrick et al.	112	79	
	BE	3,075,482	01/1963	Card	112	79	
	BF	3,112,721	12/1963	Oberholtzer et al.	112	266	
	BG	3,221,683	12/1965	Abelsma	112	79	
	BH	3,605,660	09/1971	Short	112	79	
	BI	3,752,094	08/1973	Short	112	79	
	BJ	3,847,098	11/1974	Hammel, Jr.	112	79	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PN ↑ ↓ PN	BK	CP-2100 Series Yarn Feed/Shift Compensation System Product Brochure, Card-Monroe Corp., Chattanooga, TN
	BL	Tuft Program, Version 1.20, NedGraphics BV, November 1993
	BM	Command Performance 2000 Instruction Manual, Version 3.12, Card-Monroe Corp., Chattanooga, TN
	BN	Tufting machine schematic, Card-Monroe Corp., Chattanooga, TN 1998
	BO	CMC Yarntronics Brochure, Card-Monroe Corp., Chattanooga, TN

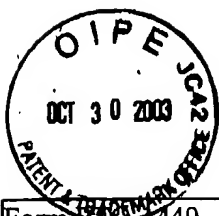
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

05-20-04

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



Form PTO-1449

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.
C002 1051.1Serial No.
10/634,208Applicant
Christman et al.Filing Date
08/05/03Group
3765

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PN	CA	3,895,355	07/1975	Shorrock	340	172.5	
↑	CB	3,906,876	09/1975	Fitton	112	79	
	CC	3,943,865	03/1976	Short et al.	112	79	
	CD	4,127,078	11/1978	Spanel et al.	112	266	
	CE	4,221,317	09/1980	Fukada et al.	226	188	
	CF	4,244,309	01/1981	Spanel et al.	112	79	
↓	CG	4,245,794	01/1981	Hasegawa et al.	242	45	
PN	CG	4,267,787	05/1981	Fukuda	112	266.2	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PN	CH	Scroll Graphics for One & Only Patterning Brochure, Tuftco Corp., Chattanooga, TN
↑	CI	Encore Computer Controlled Tufting and Management Information System Brochure, Tuftco Corp., Chattanooga, TN
	CJ	MTInnovation Brochure, Modern Techniques, Inc., Ringgold, GA
	CK	Zieseniss Tufting Machine Operational Manual
	CL	Cobble Tufting Machines L.P. Scroll, 1985/1986
↓	CM	LPIII Low Profile Scroll by Cobble, 1985/1986
	CN	Tuftco Corporation Split Rainbow Pattern System Brochure
PN	CO	Tuftco Corporation Multi-Media PC-Control System Brochure

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

DATE CONSIDERED:

05-20-04

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Form PTO-1449 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No. C002 1051.1	Serial No. 10/634,208
	Applicant Christman et al.	
	Filing Date 08/05/03	Group 3765

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PW	DA	4,285,285	08/1981	Chambers et al.	112	79	CC
↑	DB	4,317,419	03/1982	Spanel et al.	112	266.2	CD
	DC	4,366,761	01/1983	Card	112	79	CE
	DD	4,469,037	09/1984	Bost, Jr.	112	266.2	CF
	DE	4,519,332	05/1985	Fukuda	112	266.2	CG
↓	DF	4,549,496	10/1985	Kile	112	79.5	CH
	DG	4,608,935	09/1986	Bardsley	112	79	CI
PW	DH	4,619,212	10/1986	Card et al.	112	266.2	CJ

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

PW	DI	"Automation Comes to Paris," Carpet & Rug, December 1987,					
↑	DJ	"Carpet manufacturing represented at textile machinery exhibition," Carpet Manufacturer International ITMA 87 Preview, August 1987					
	DK	"Automation Comes to Paris," Carpet & Rug, December 1987,					
	DL	"Carpet manufacturing represented at textile machinery exhibition," Carpet Manufacturer International ITMA 87 Preview, August 1987					
	DM	Encore DMC Digital Motor Control System Brochure, Tuftco Corp., Chattanooga, TN					
↓	DN	Tuftco "Encore" Yarn Feed Control Brochure, Tuftco Corp., Chattanooga, TN					
	DO	Cobble Blackburn Limited Order and Contract, January 1986					
PW	DP	Galil Controllers Help Modern Techniques Computerize Carpet Industry Brochure, Galil Motion Control, Inc., Mountain View, CA					

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: PW Verbum	DATE CONSIDERED: 05-20-04
------------------------------------	------------------------------

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



Form PTO-1449 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No. C002 1051.1	Serial No. 10/634,208
	Applicant Christman et al.	
	Filing Date 08/05/03	Group 3765

U.S. PATENT DOCUMENTS


Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PW	EA	5,182,997	02/1993	Bardsley	112	80.73	
	EB	5,205,233	04/1993	Ingram	112	266.2	
	EC	5,285,821	02/1994	Fredricksson	139	452	
	ED	5,353,582	10/1994	Citterio et al.	57	263	
	EE	5,383,415	01/1995	Padgett, III	112	266.2	
	EF	5,458,075	10/1995	Tice et al.	112	470.04	
	EG	5,461,996	10/1995	Kaju	112	80.3	
	EH	5,544,064	08/1996	Beckwith	364	483	
	EI	5,526,760	06/1996	Ok	112	80.41	
	EJ	5,544,605	08/1996	Frost	112	475.23	
PW	EK	5,549,064	08/1996	Padgett, III	112	410	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE 	DATE CONSIDERED: 05-20-04
---	------------------------------

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



Form PTO-1449 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No. C002 1051.1	Serial No. 10/634,208
	Applicant Christman et al.	
	Filing Date 08/05/03	Group 3765

U.S. PATENT DOCUMENTS


Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PW	FA	5,575,228	11/1996	Padgett, III et al.	112	80.41	
	FB	5,588,383	12/1996	Davis et al.	112	80.16	
	FC	5,622,126	04/1997	Card et al.	112	80.73	
	FD	5,662,054	09/1997	Bardsley	112	80.18	
	FE	5,738,030	04/1998	Ok	112	475.23	
	FF	5,743,200	04/1998	Miller et al.	112	80.01	
	FG	5,743,201	04/1998	Card et al.	112	80.73	
	FH	5,794,551	08/1998	Morrison et al.	112	80.41	
	FI	5,806,446	09/1998	Morrison et al.	112	80.73	
	FJ	5,983,815	11/1999	Card	112	80.73	
PW	FK	6,009,818	01/2000	Card et al.	112	80.73	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: 	DATE CONSIDERED: 05-20-04
--	------------------------------

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



Form PTO-51449

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Attorney Docket No.
C002 1051.1Serial No.
10/634,208Applicant
Christman et al.Filing Date
08/05/03Group
3765

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PN	GA	6,213,036	04/2001	Slattery	112	80.73	
	GB	6,244,203	06/2001	Morgante et al.	112	475.23	
	GC	6,283,053	09/2001	Morgante et al.	112	80.73	
	GD	6,439,141	08/2002	Morgante et al.	112	80.73	
	GE	4,688,497	08/1987	Card et al.	112	80.73	
	GH	4,829,917	05/1989	Morgante et al.	112	80.41	
	GI	4,856,104	08/1989	Stoll et al.	364	470	
	GJ	4,856,441	08/1989	Kurata	112	80.73	
	GK	4,864,946	09/1989	Watkins	112	80.73	
	GL	4,867,080	09/1989	Taylor et al.	112	80.32	
PN	GM	4,870,915	10/1989	Bagnall	112	80.41	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE
PN [Signature]DATE CONSIDERED:
05-20-04

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE



Form PTO/SR 449 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Attorney Docket No. C002 1051.1	Serial No. 10/634,208
	Applicant Christman et al.	
	Filing Date 08/05/03	Group 3765

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PN	HA	4,981,091	01/1991	Taylor et al.	112	80.32	
↑	HB	5,005,498	04/1991	Taylor et al.	112	80.32	
↓	HC	5,058,518	10/1991	Card et al.	112	266.2	
↓	HD	5,080,028	01/1992	Ingram	112	80.08	
PN	HE	5,094,178	03/1992	Watkins	112	80.73	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE: 	DATE CONSIDERED: 05-20-04
---------------------------	------------------------------

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Form PTO-1449

Attorney Docket No.
C002 1051.1Serial No.
10/634,208

INFORMATION DISCLOSURE CITATION

Applicant
Christman, et al.Filing Date
08/05/03

Group

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
PN	A	6,550,407	04/22/03	Frost, et al.	112	475.23	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

PN Werben

DATE CONSIDERED:

05-20-04

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE